

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003733**Date Inspected:** 27-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	n/a			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	OBG		

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and or discovered the following.

Bay 4

NDT Inspection Caltrans QA - Caltrans QA Inspector performed magnetic particle testing (MT) on

1). DP636-001 – Weld joints #'s 1 ~ 6

2). DP624-001 – Weld joints #'s 1 ~ 6

See Caltrans Magnetic Particle Test Report, TL-6028 dated August 27, 2008 for additional information.

Bay 7

NDT Inspection Caltrans QA - Caltrans QA Inspector performed magnetic particle testing (MT) on

1). FB033-001 Far Side – Weld joints # 127.

See Caltrans Magnetic Particle Test Report, TL-6028 dated August 27, 2008 for additional information.

Bay 1

NDT Inspection Caltrans QA - Caltrans QA Inspector performed magnetic particle testing (MT) on

1). DP384-001 U-rib tack welds 10% – Weld joints #'s 1 ~ 10. Caltrans QA Inspector found 7 reject-able

indications in weld joint's 2, 3, 4 & 5. QA Inspector informed ZPMC QC Mr. Fu Yuhong. Mr. Fu informed QA that he will notify personnel on 1st shift of the indications found by QA. ZPMC technicians had already left for the night. ZPMC MT technician Mr. Bo Ting Yue had signed off on the above mentioned DP384-001.

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See Caltrans Magnetic Particle Test Report, TL-6028 dated August 27, 2008 for additional information.

Summary of Conversations:

No relevant conversations to report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By:	Brannon, Sherri	Quality Assurance Inspector
Reviewed By:	Lanz, Joe	QA Reviewer
